

भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 35] नई दिल्ली, शनिवार, अगस्त 31, 1996 (भाद्रपद 9, 1918)
No. 35] NEW DELHI, SATURDAY, AUGUST 31, 1996 (BHADRA 9, 1918)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 31st August 1996

ADDRESSES AND JURISDICTIONS OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West),
Bombay-400 013.

The States of Gujarat, Maharashtra, Madhya Pradesh and Goa and the Union Territories of Daman and Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE".

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh and Delhi and the Union Territory of Chandigarh.

Telegraphic address "PATENTOFIC".

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and Pondicherry and the Union Territories of Laccadive, Minicoy and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 31 अगस्त, 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टोहनी इस्टेट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोआ राज्य क्षेत्र एवं संघ शासित क्षेत्र दमन तथा दीव एवं दादरा और नगर हवेली।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, कनोल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,
राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शासित क्षेत्र कच्छीगढ़।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालासाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिविदि द्वीप।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन. 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता-“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अर्ध-क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के क्षेत्र उपयुक्त कार्यालय में ही प्राप्त किए जावेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुमति बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent bracket are the dates claimed under Section 135, of the Patent Act, 1970.

20th May, 1996

907/Cal/96. The Mead Corporation. “Keel for wraparound article carrier.” (Convention No. 08/465,852; on 06/06/1995; In US).

908/Cal/96. PGS Ocean Bottom Seismic, Inc. “Method and system for acquiring seismic data.” (Convention No. 08/568,206; on 06/12/1995; In U.S.A.).

909/Cal/96. IAF Bio Vac Inc. “Heat shock protein HSP72 of streptococcus pneumoniae.” (Convention Nos. 08/472,534; on 07/05/95; In U.S.A. and 60/001,805; on 04/08/1995; In U.S.A.).

910/Cal/96. Stork Brabant B.V. and Stork X-Cel B.V. “Squegee made of fibre reinforced plastic.” (Convention No. 1000437; on 24/5/95; In the Netherlands).

911/Cal/96. Eli Lilly and Company. “Cyclic peptide anti-fungal agents.” (Convention No. 08/453,052; on 26/05/95; In U.S.A.).

912/Cal/96. Eli Lilly and Company. “Cyclic peptide anti-fungal agents.” (Convention No. 08/451,705; on 26/05/95; In U.S.A.).

913/Cal/96. Eli Lilly and Company. “Cyclic peptide anti-fungal agents.” (Convention No. 08/451,337; on 26/05/95; In U.S.A.).

914/Cal/96. Eli Lilly and Company. “Cyclic peptide anti-fungal agents.” (Convention No. 08/453,050; on 26/05/95; In U.S.A.).

915/Cal/96. N.R. Development Limited. “Container for fast refrigeration and preservation of milk.” (Convention Nos. MI 95 A 001093; on 20/05/95 & MI95A 001294; on 16/06/95; In Italy).

916/Cal/96. Johnson & Johnson Vision Products, Inc. “Contact lenses from highly permeable siloxane polyol material.” (Convention No. 08/457832; on 1/6/95; In U.S.A.).

917/Cal/96. (1) Jonathan Aerospace Material Europe AB., and (2) Jonathan Aerospace Materials Corp. “Lattice block material.”

918/Cal/96. Chiyoda Corporation. “Process for the desulfurization of sulfurous acid gas-containing waste gas.” (Convention No. 7-155119; on 30-5-95; In Japan).

21st May, 1996

- 919/Cal/96. Duphar International Research BV. "Marek's disease vaccine."
- 920/Cal/96. American Cyanamid Company. "Process of making substituted 8-chloroquinolines to substituted 8-hydroxyquinolines." (Convention No. 08/488,693; on 24/05/1995; In U.S.A.).
- 921/Cal/96. Laboratories Del Dr. Esteve, S.A. "New polymorphs of lesopitron dihydrochloride and its hydrated forms, preparation processes and compositions containing it." (Convention No. 9501086; 31/05/1995; In Spain).
- 922/Cal/96. Degussa Aktiengesellschaft. "Precipitated silicas, a process for their preparation and their use in vulcanisable rubber mixtures." (Convention Nos. 19520126.4; on 1/6/95 and 19617039.7; on 27/4/96; In Germany).
- 923/Cal/96. Eaton Corporation. "Vacuum interrupter with a single internal assembly for generating an axial magnetic field." (Convention No. 488,401; on 7/6/95; In U.S.A.).
- 924/Cal/96. Emitec Gesellschaft Fur Emissionstechnologie mbH. "Catalytic converter arrangement with two or multiple-line exhaust conduction." (Convention No. 19523532.0; on 28/06/95; In Germany).
- 925/Cal/96. Hoechst Celanese Corporation. "Use of 4-substituted 2-butanones to prepare nabumetone." (Convention Nos. 08/473,603; on 7/6/95 & 08/629,656; on 9/4/96; In U.S.A.).
- 926/Cal/96. Hoechst Celanese Corporation. "Cellulose ester wound dressing." (Convention No. 08/496,701; on 29/6/95; In U.S.A.).

22nd May, 1996

- 927/Cal/96. Stonetec Anstalt/Stonetec Establishment. "Composition for the impregnation and/or preservation of stone and of shaped articles of stone." (Convention Nos. A948/95; on 02/06/1995 and A517/96; on 20/03/1996; In Australia).
- 928/Cal/96. Felten & Guillaume Energietechnik AG. "Switch-disconnector fuse combination." (Convention No. DE 19519168; on 24/05/95; In Germany).
- 929/Cal/96. Hitachi Ltd., and Hitachi Chemical Company Ltd. "Semiconductor assembly." (Convention No. 7-123574; on 23/05/95; In Japan).
- 930/Cal/96. Shorco Limited. "A winch assembly." (Convention No. 9510661.3; on 25/5/1995; In U.K.).
- 931/Cal/96. E.I. Du Pont De Nemours and Company. "Arthropodocidal oxazolines and thiazolines."
- 932/Cal/96. McNeil-PPC, Inc. "A method of obtaining an absorbent material and an absorbent pad, and a method of obtaining an absorbent pad." (Divisional to out of No. 592/Cal/91 dated 6/8/91).
- 933/Cal/96. E.I. Du Pont De Nemours and Company. "A process for dyeing a fibrous article containing fibers of a polyamide polymer." (Divisional to out of No. 842/Cal/91 dated 8/11/91).

23rd May, 1996

- 934/Cal/96. Philips Electronics NV. "Telecommunications system." (Convention No. 9510619.1; on 25/5/95; In GB).
- 935/Cal/96. Parthasarathi Bhattacharya. "An efficient process for purification of a natural sweet tasting plant product."
- 936/Cal/96. Prahlad Rai Vyas Chhabily Ghati. "New valuable products from seeds of vilayti keekar-prosopisjuliflora D.C."

937/Cal/96. Mitsuba Electric Mfg. Co. Ltd. "Coaxial engine starter system." (Convention Nos. 07-153816; on 29/05/1995 and 07-153818; on 29/05/1995; In Japan).

938/Cal/96. Mitsuba Electric Mfg. Co. Ltd. "Engine starter system having an improved pinion assembly." (Convention No. 07-153819; on 29/05/1995; In Japan).

939/Cal/96. E.I. Du Pont De Nemours and Company. "Uniform mixtures of pesticidal granules." (Convention No. 494,641; on 23-6-95; In U.S.A.).

940/Cal/96. Patent-Trenhand-Gesellschaft Fur Elektrische Gluhlampen mbH. "Method for producing a cap band for discharge lamps." (Convention No. 19521972.4; on 16/6/95; In Germany).

941/Cal/96. Thomson Consumer Electronics Inc. "Animated "ON-SCREEN" display provisions for an MPEG video signal processing system." (Convention No. 9510507.8; on 24/5/96; In U.K.).

ALTERATION OF DATE UNDER SECTION-16

176738

(Patent No. 328/Mas/93) Ante-dated to: 17th May 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be as ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्धित आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अगुम ऐसी अवधि जो ऊक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 18 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, ऊक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं” ।

रूपांकन (चित्र आरंभों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिससे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरंभ कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

Ind. Cl. : 45 E 176711
Int. Cl.4: EO 3B, 1/00, 7/00.

MANIFOLD FOR USE IN CONJUNCTION WITH A FLUID DELIVERY SYSTEM.

Applicant : MIDTEC, INC. OF AMERICA A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF KANSAS, UNITED STATES OF AMERICA OF 901 N. VANGUARD MCPHERSON, KANSAS 67460, UNITED STATES OF AMERICA.

Inventor's : LEONARD LEO MILLER, WILLIAM KEITH SWINEHART.

Applicant for Patent No. 578/Del/89 filed on 3-7-89.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A manifold for use in conjunction with a fluid delivery system, said manifold comprising :

a plurality of tubular fittings each said fitting having a hollow interior and being characterised by a fluid conducting male end and a fluid conducting female end;

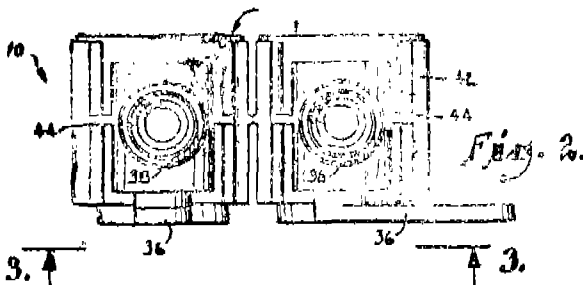
said male end of one fitting for insertion into the female and of an adjacent fitting;

seal means between joined ends of said fittings for enabling said ends to be fluid tight;

valve means coupled with said fitting between said ends and in fluid communication with said hollow interior of said fitting;

bracket means disposed in spaced relationship at opposite ends of a plurality of joined fittings for mounting said fittings of a flat surface; and

tensioning means extending along said fittings for exerting forces in opposite directions which act to maintain said fitting ends in fluid sealing relationship.



(Compl. Specn. 10 pages,

Drwgs. 2 sheets.)

Ind. Cl. : 40 B

176712

Int. Cl.4 : B01J 29/02.

A PROCESS FOR THE PREPARATION OF NEW GENERATION MOLECULAR SIEVE-SILICOALUMINO-PHOSPHATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI 110 001.

Inventors : JAGANNATH DAS, ANJANA BHATTACHARYA, SWAPAN MITRA, SISIR KUMAR ROY.

Application for Patent No. 1050/Del/89 filed on 10-11-89.

Complete left after Provisional Specification on 4-2-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

3 Claims

A process for the preparation of silico aluminophosphate a new generation molecular sieve which comprises :

(a) mixing the reactive alumina and the reactive source of silica prepared from paddy husk by conventional methods with phosphoric acid in presence of templating agent and water in the mole ratio of 1 : 0.1 : 1 : 1.5 : 40 of alumina, silica, phosphorus pentoxide templating agent and water at a pH in the range of 4 to 7.

(b) heating the said mixture under autogeneous pressure at a temperature in the range of 140—225°C for a period ranging from 2 to 80 hrs.

(c) washing the resultant product with water and then with alcohol and drying at a temperature in the range of 80°C to 120°C.

(d) calcining the dried product at a temperature in the range of 450°C to 550°C for a period ranging from 4 to 24 hrs.

(Provn. Specn. 4 pages,

Drwg. Sheets Nil)

(Compl. Specn. 11 pages,

Drwg. Sheets Nil)

Ind. Cl. : 21 B

176713

Int. Cl.4 : A43B 1/00.

COMPOSITE SHEET MATERIAL.

Applicant : COLGATE-PALMOLIVE COMPANY, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors : KENNETH W. MISEVICH, ROB ROY MCGREGOR.

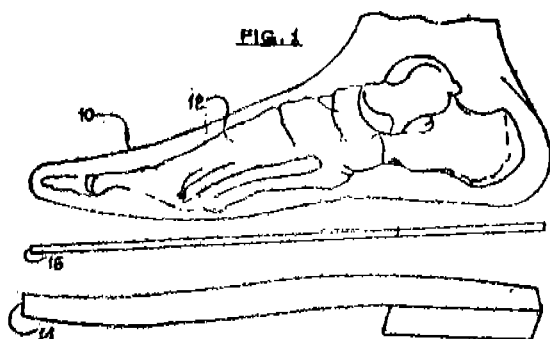
Application for Patent No. 1052/Del/89 filed on 10-11-89.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A sheet material preferably for use as a shoe insole deformable to the shape of non-uniform pressure distribution, said sheet material comprising a laminate comprising at least one ply (28) consisting of carrier fabric (30) carrying on both sides layers (32, 32) of waxy material as herein defined, said layers (32, 32) of waxy material having embedded

therein small granules (34), as herein defined and a plurality of stiff small fibres (36).



(Compl. Specn. 8 pages,

Drwgs 2 sheets.)

Ind. Cl.: 32 C

176714

Int. Cl.: C09B 62/04.

A PROCESS FOR THE PREPARATION OF REACTIVE DYES.

Applicant: ZENESA LTD., OF IMPERIAL CHEMICAL HOUSE, 9 MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventor: JOHN ANTHONY TAYLOR.

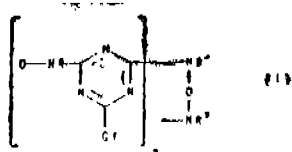
Application for Patent No. 1059/Del/89 filed on 15-11-89.

Convention date: 8828222.3/02-12-88. GB.

Appropriate office for on opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

12 Claims

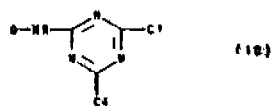
A process for the preparation of a reactive dye of formula (1):



which comprises reacting in aqueous medium one mole of an o-, m- or p-aminobenzylamine of the formula (9):

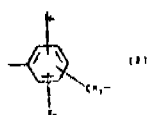


with two moles of a triazine compound of the formula (10):



wherein: D represents the radical of a water-soluble chromophoric compound of the azo, anthraquinone or triphenyldioxazine series;

each of R, R¹ and R², independently, represents hydrogen or an substituted alkyl radical; and Q represents a radical of the formula (2):



wherein: each of X and Y, independently, represents halogen, alkyl, alkoxy, acylamino, nitro, carboxy or sulpho; and each of n and m, independently, represents an integer from 0 to 2.

(Compl. Specn. 21 pages,

Drwg. Sheets Nil)

Ind. Cl.: 206F

176715

Int. Cl.: G06 7/00, 15/00.

MULTIPLIER-ADDER CIRCUIT FOR PERFORMING OPERATIONS OF MULTIPLICATION AND ADDITION OF POLYNOMIALS.

Applicant: THONSON-CSF, OF 51, ESPLANADE DU GENERAL DE GAULLE, 92309 PUTEAUX, FRANCE.

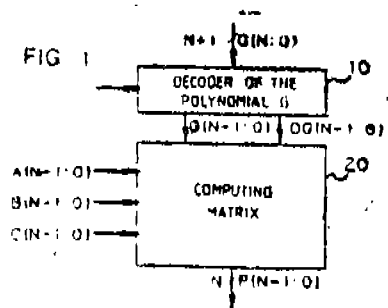
Inventors: MARC COGNAULT, JOSE SANCHES, DOMINIQUE BRECHARD.

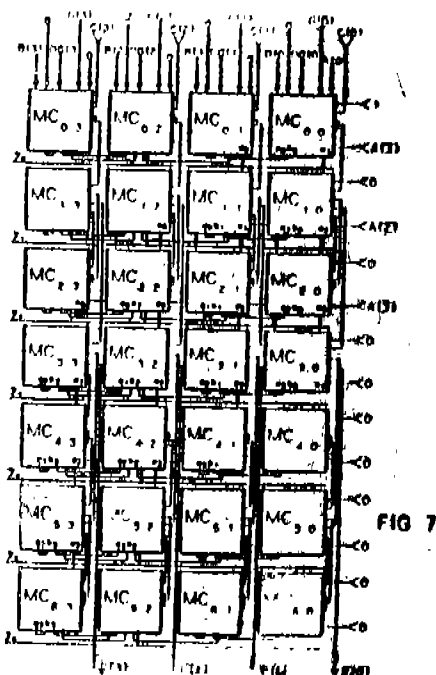
Application for Patent No. 1063/Del/89 filed on 16-11-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

5 Claims

Multiplier-adder circuit for performing operations of multiplication and addition of polynomials in at least one Galois field such as herein described, comprising a decoder consisting of a line of N elementary identical cells (CD), provided in order from I=0 to N-1, receiving the coefficient of the generator polynomial G(N:0) and transmitting the coefficients of said polynomial without the one having the highest degree G(N-1:0) and a polynomial with a significant coefficient derived by the logical combination of the generator polynomial marking the degree m of the chosen Galois field, DG(N-1:0); a computing matrix constituted by p lines of identical elementary computing cells connected to said decoder for performing the polynomial computation p steps, said computing cells of the last line supplying the terms of degrees 0 to m-1 of the resulting polynomial P, characterized in that, said computing matrix comprises 2n-1 lines from i=0 to 2(N-1) and N columns of j=0 to N-1 of cells CM connected in a tree structure for a computation in p=2N-1 steps, the non-connected inputs receiving logic "0" levels, each elementary computing cell (MC_i) comprising at least five vertical inputs connected to said vertical outputs of the preceding cell of the same column, receiving the terms of degree j, G(j), DG(j) and B(j) of the generator polynomial, of the degree polynomial, and of the polynomial B, the term of degree i-j of the polynomial A, and the term of degree j of an intermediate result zi-1(j), two lateral inputs receiving from the cell of the column of inferior rank of the same line the term of degree j-1 of the intermediate result zi-1(j-1) and the term of degree (i+1-j), A(i+1-j) of the polynomial A, two lateral outputs to be applied to the cell of superior rank of the same line supplying the term of degree j of the intermediate result zi-1(j) and the term of degree i-j, A(i-j) of the polynomial A.





(Compl. Specn. 17 Pages)

Drwgs. 5 sheets)

Ind. Cl.: 4 C

176716

Int. Cl.: F41F 7/00

EXPANSION NOZZLE FOR A ROCKET ENGINE.

Applicant: SOCIETE EUROPEENNE DE PROPULSION,
OF 24, RUE SALOMON DE ROTHSCHILD, 92150
SURESNES, FRANCE.

Inventor: CLAUDE EDOUARD BONNIOT.

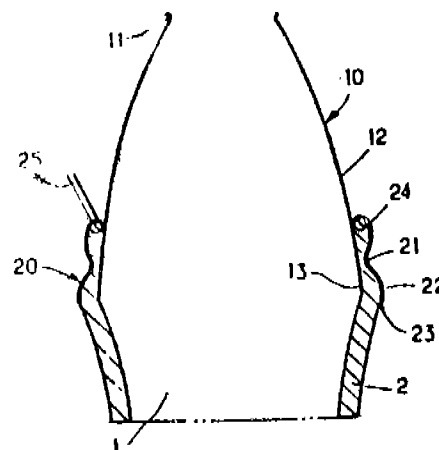
Application for Patent No. 1069/DEL/89 filed on
17-11-89.

Appropriate Office for filing opposing proceedings (Rule 4,
1972), Patent Office Branch, Karol Bagh, New Delhi-
110005.

Claims 23

An expansion nozzle for a rocket engine for operating successively in atmospheric and space conditions, said nozzle comprising a main wall (12) having a surface of revolution splaying outwardly between a nozzle throat (11) and a downstream extremity of said expansion nozzle (13), a complementary annular convergent and divergent nozzle (20, 40, 120) of small vertical extent and having an axis coinciding with the principal axis of said main wall (12), said complementary annular nozzle being located outside said main wall (12) in the region of said downstream extremity of said expansion nozzle (13) and having a gas distribution torus (24, 44, 124) cooperating with gas flow supply means (25, 45, 50) to produce an annular flow of gas which is exhausted from the diverging part of said complementary annular nozzle (20, 40, 120), said annular flow of gas (2) surrounding a main flow of gas (1) exhausted at said downstream extremity of said main wall (12) of said expansion nozzle (13) and forming a source of static pressure P_s which is substan-

tially lower than atmospheric pressure P_a and having a value of between 0.3 and 0.8 times atmospheric pressure P_a .



(Comp. Specn. 17 pages)

Drwg. Sheets 3)

Ind. Cl.: 154 DF

176717

Int. Cl.: B 41 F 31/00, 31/02, 31/04.

INK DUCT FOR A PRINTING MACHINE.

Applicant: DE LA RUE GIORI S.A. OF 4, RUE DE LA
PAIX 1003 LAUSANNE/SWITZERLAND.

Inventors: RAFFAELLE FINA.

Application for Patent No. 1070/DEL/89 filed on
17-11-89.

Appropriate Office for filing opposition proceedings (Rule 4,
1972), Patent Office Branch, Karol Bagh, New Delhi-
110005.

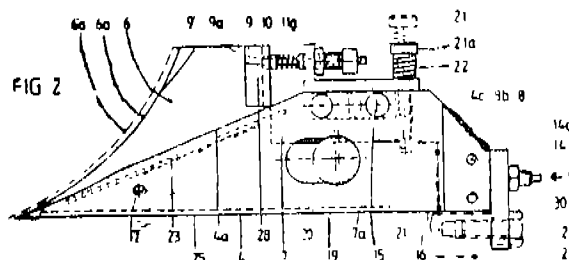
Claims 10

An ink duct for a printing machine which comprises:
an ink duct cylinder (1),

a base (2) formed from a metal sheet the front edge of which touches said ink duct cylinder, and

side walls (3) in contact with the base and the ink duct cylinder, characterized in that there is provided

at least one separating wall connected to the said base (2), said separating wall being constituted by two metal plates (4, 5) each connected to said base (2) and spaced at a distance from each other and by plastic intermediate plate (6) mounted between said two metal plates (4, 5) in displaceable and tiltable relationship thereto, said intermediate plate (6) having a front edge (6a) in the shape of an arc of a circle corresponding to the periphery of the said ink duct cylinder (1), pressure means acting on said intermediate plate (6) for pushing it towards the periphery of the ink duct cylinder (1) so as to create a leak tight contact between them, leaktightness between said base (2) of the ink duct and said separating wall being effected by a plastic sealing strip (25, 26) provided on the lower edge of said metal plates (4, 5).



(Compl. Specn. 11 pages;

Drwg. sheets 3)

Ind. Cl.: 206 E

176718

Int. Cl.: H03K 17/00.

A POWER SWITCHING CIRCUIT.

Applicant: TELEMECANIQUE OF 43-45 BOULEVARD FRANKLIN-ROOSEVELT, 92504, RUEIL-MALMAISON-FRANCE.

Inventors: ALAIN GOUSSET, JEAN LAFONTAINE.

Application for Patent No. 1082/DEL/89 filed on 21-11-89.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 13

A power switching circuit comprising at least one bipolar transistor power stage having a control input and a control circuit for said stage, said control circuit including first bias means for applying forward bias to said stage during first time intervals and second bias means for applying reverse bias to said stage during second time intervals different from said first time intervals, said reverse bias preventing charge accumulating in said transistor while said transistor is subjected to a reverse voltage, a DC voltage source, said first bias means comprising a first capacitor and a first switching circuit selectively charging said first capacitor means by means of said DC voltage source outside said first time intervals, and for discharging said first capacitor into said control input of said stage, and said second bias means comprising a second capacitor and a second switching circuit for selectively charging said second capacitor by means of said DC voltage source outside said second time intervals, and for discharging the second capacitor into said control input,

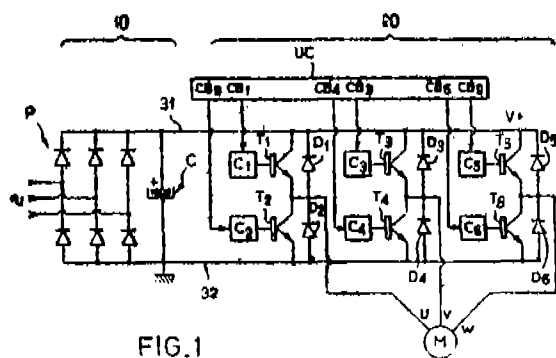


FIG. 1

(Compl. Specn. 18 pages;

Drwg. sheets 2)

Ind. Cl.: 98 D

176719

Int. Cl.: F24H 3/00, 3/04, 3/08, 7/02.

A PLANT FOR PURIFYING POLLUTED AIR.

Applicant: KOENIG AG., OF ST. GALLERSTRASSE 2, CH-9320 ARBON, SWITZERLAND.

Inventor: ARTHUR NATTER.

Application for Patent No. 1092/DEL/89 filed on 23-11-89.

Convention date: (1) 584573.4/30-11-88/CA.

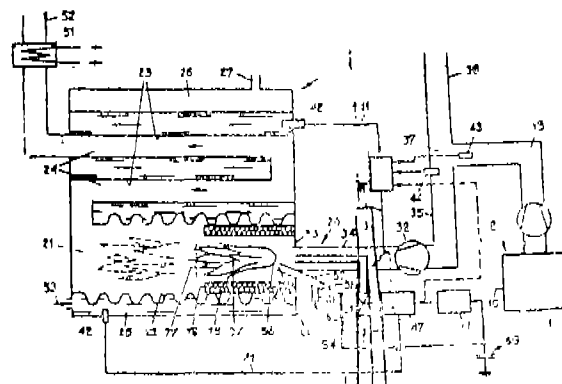
(2) 4689/87/01-12-87/SZ.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 8

An apparatus for purifying polluted air comprising a heat generating device (1) having a burner (20), a combustion (21) chamber bounded by a radiation absorbing (22) wall

downstream of said burner (20) and a convective heat absorbing (23) surface in a flue (24) duct downstream of said combustion chamber (21), said radiation absorbing (22) wall and said flue (24) duct being submerged in a fluid to be heated, said burner (20) having a fuel supply (31) valve and a combustion (34) air supply inlet connected to a source (2) of polluted air, said heat generating (1) device being equipped with an optical flame (58) watch sensor directed towards a region inside said combustion (21) chamber where during operation of said device, a flame front (56) is located, an output (64) signal of said flame watch (58) sensor being connected to a flame guard (71) device for closing said fuel supply valve (31) when the flame extinguishes, said flame watch sensor (58) mounted inside a pipe (59), extending into said combustion chamber (21), the opposite end of said pipe terminating, close to the location of said flame front (56).



(Compl. Specn. 15 pages;

Drwg. sheets 2)

Ind. Cl.: 32 F (3C).

176720

Int. Cl.: C07C 29/03.

A PROCESS FOR THE PURIFICATION OF ETHYLENE GLYCOL.

Applicant: THE PRINCIPAL SCIENTIST & HEAD, SIR PADAMPAT RESEARCH CENTRE, OF JAYKAY NAGAR, KOTA-323 003, RAJASTHAN, INDIA.

Inventor: NARESH DUTTA SHARMA, BOMMU VENKATSWARA RAO, PURSHOTTAM SHARMA, LALIT SHARMA.

Application for Patent No. 1127/DEL/89 filed on 29-11-89.

Appropriate Office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 4

A process for the purification of spent ethylene glycol comprising treating the spent glycol with 1-4% by weight perhalogenates of alkalimetals based on spent glycol at a temperature of 100-200°C for a period of 0.5 to 4 hours to convert the impurities into non-volatile compounds and removing said impurities from the treated ethylene glycol by any conventional method.

(Compl. Specn. 15 pages;

Drwg. sheets. Nil)

Ind. Cl.: 129 P

176721

Int. Cl.: B 25 F 3/00.

AUTOMATIC CLAMPING UNIT FOR RECEIVING AND HOLDING A TOOL HOLDER.

Applicant: KENNAMETAL INC., A CORPORATION OF THE COMMONWEALTH OF PENNSYLVANIA, UNITED STATES OF AMERICA, OF P.O. BOX 231, LATROBE, PENNSYLVANIA 15650, UNITED STATES OF AMERICA.

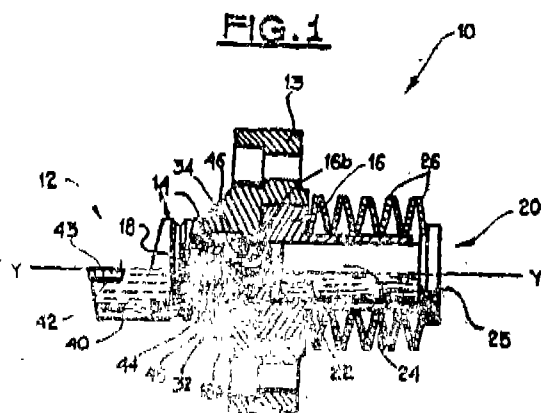
Inventors : ROBERT ALFRED ERICKSON.

Application for Patent No. 772/DEL/89 filed on 31-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 8

An automatic clamping unit (10) for receiving and holding a tool holder, (12) said clamping unit (10) comprising a main body (13) having a bore (14) formed therein, a locking rod (20) movably mounted in the bore (14) for movement between locked and unlocked positions and at least one locking element (32, 34) contained adjacent said locking rod (20) characterised in that said locking rod (20) has a varying sloped locking ramp (30) extending along a side portion of the lock rod (20) to contact the locking element (32, 34) as said locking rod (20) moves between the unlocked and locked positions, wherein the mechanical advantage provided by the locking rod (20) upon said locking element (32, 34) increases as said locking rod (20) moves from the unlocked to the locked position.



(Compl. Specn. 13 pages;

Drwg. sheets 2)

Ind. Cl. : 206E.

176722

Int. Cl.⁴ : G06F 7/00.

DATA PROCESSING SYSTEM.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF ARMONK, NEW YORK 10504, UNITED STATES OF AMERICA.

Inventors : (1) JAMES WILLIAM ERICKSON
(2) MERLYN WILLIAM JECHE
(3) ROLLAND BEAN O' GROSKE
(4) GERALD LOUIS RICHTER
(5) MICHAEL FRANCIS MORIARTY
(6) ERIC LEONARD FOSDIRK
(7) GEORGE DAVID TIMMS.

Application for Patent No. 846/Del/89 filed on 20-9-89.

Convention date 23-11-88, U.K./8827404.B.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

4 Claims

A Data Processing System for executing any one of a plurality of application programs, comprising :

display means for displaying text materials;

A system library having (i) a first library section for storing one or more operational code portions for each of said application programs, each of said operational code portions having text identification data identifying text material to be

displayed and (ii) a second library section for storing a plurality of text portions for each of said application programs, each of said text identification data and having text material in a selected language among different languages;

means, connected to said system library, for selecting one of said text portions in said second library section and installing it into said first library section prior to execution of an application programme; and

means, connected to said system library and said display means, responsive to said operational code portion to cause said display selected and installed text portion to cause said display means to display the text material in the selected language.

(Comp. Specn. 14 pages;

Drwgs. 4 sheets.)

Ind. Cl. : 179 FG.

176723

Int. Cl.⁴ : B65D 39/00, 47/00.

A DISPENSOR FOR USE WITH A BAG AND BOX PACKAGING.

Applicant : STANDIPACK PRIVATE LIMITED, 25 COMMUNITY CENTRE, EAST OF KAILASH, NEW DELHI-110065, INDIA.

Inventor : KAMAL MEATTLE.

Application for Patent No. 884/Del/89 filed on 5-10-89.

Complete left after Provisional Specification on 4-1-91.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

8 Claims

A dispenser for use with a bag and box packaging for dispensing the liquid therefrom comprising a socket to be secured with a bag, a valve consisting of a tabular member to be secured with said socket and a discharge tube having an actuator with a closer/plug secured at one end and there of being disposed in said discharge tube so as to allow discharge of liquid from said bag upon actuation of said actuator, a resilient cap having a housing for accommodating the other end of said actuator being provided at the other end of said discharge tube for actuating said actuator.

(Comp. Specn. 8 pages; Prov. Specn. 5 pages; Drwng 3 sheets)

Ind. Cl. : 40 B.

176724

Int. Cl.⁴ : C10M 123/06.

AN IMPROVED PROCESS FOR THE PRODUCTION OF CYCLE OILS HAVING LOWERPOUR POINTS.

Applicants: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

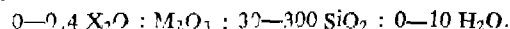
Inventor(s) : PAUL RATNASAMY
SUBRAMANIAN SIVASANKAR.

Application for Patent No. 906/Del/89 filed on 6-10-89.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-110 005.

6 Claims

The cycle oils having low pour points is being produced by reacting a hydrocarbon feedstock with conventional amorphous of zeo-lite-containing catalyst composite material comprising 5.0-90.0 wt% of a crystalline metasilicate of formula :



Where x is sodium, ammonium, Hydrogen, platinum or palladium M is iron, lanthanum, aluminium or mixtures thereof and 10-95%, a binder material consisting of a clay

material, alumina or silica or mixtures thereof, & recovering cycle oils having low pour points by conventional methods.

(Complete Specification 21 Pages Drawing sheets Nil)

Ind. Cl.: 720

176725

Int. Cl.: F42D 1/02.

APPARATUS FOR GENERATING CONSECUTIVE OUTPUT SIGNALS.

Applicant: ALTECH INDUSTRIES (PROPRIETARY) LIMITED OF CORNER BRAKPAN & VAN DYK ROADS, BOKSBURG, TRANSVAAL PROVINCE, REPUBLIC OF SOUTH AFRICA.

Inventors: ALBERTUS ABRAHAM LABUSCHAGNE, ERIC CHARLES PAXTON.

Application for Patent No. 982/Del/89 filed on 24-10-89.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

7 Claims

Apparatus for generating consecutive output signals for sequential detonation of an explosive having:

a plurality of sequentially connected timers;

a plurality of output means, each output means being connectable to a different timer and being activatable by said timer to produce an output signal:

control means electrically connectable to the timers to activate the first timer of the sequence; and

each timer of the sequence is connected to said next timer to initiate that timer after a first time interval, and to activate its corresponding output means after a second time interval which is a sum of all the first time intervals yet to occur, the last timer of the sequence is connected to sensor means for providing feedback that the last timer of the sequence has been activated, before enabling any of the output means to produce any of the output signals, each of said timers having a high stability oscillator for maintaining accurate timing.

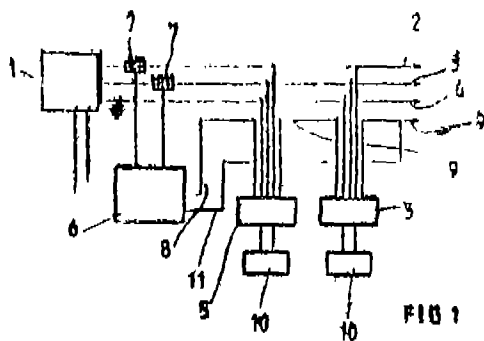


FIG 1

(Complete Specification 16 Pages Drawing Sheets 2).

Ind. Cl.: 68 E.

176726

Int. Cl.: G05G 1/14.

CONTROL PEDAL FOR AN ELECTRIC MACHINE.

Applicant: MEFINE S. A. OF 3, BOULEVARD De PEROLLES, 1701 FRIBOURG, SWITZERLAND.

Inventors: ANTONIO JIMENEZ, MICHEL COMBEPINE.

Application for Patent No. 1008/Del/89 filed on 12-11-89.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

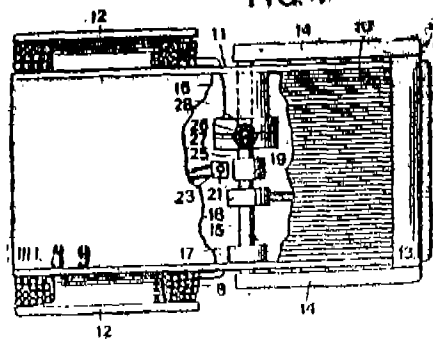
(Claims 4)

A control pedal for an electric machine, more particularly for a sewing machine, comprising a housing (11) and a movable member (9) adapted to be actuated by the foot of the user, said member (9) acting on, at least, one electric control device (20, 21) for operation and regulation of the speed of the machine, characterized in that:

said movable member (9) comprises a first piece (13) being pivotally mounted on housing (11) to occupy at least a first elevated position to constitute a pedal and at least a second lowered position to constitute a handle;

said movable member (9) comprising at least one second piece (15, 18, 19) comprising a rod carrying at least one control member (18) for acting on a switch (20), said rod affixed to a cam (19) in the form of a finger to control the operation and the regulation of the speed of the machine in said first position of the movable member (9) and in order to cut off the supply of electricity to the machine in said second position of the movable member (9).

FIG. 4



(Complete Specification 7 Pages

Drawing Sheets 2).

Ind. Cl.: 114 F

176727

Int. Cl.: C14C 3/22

A METHOD OF PREPARING IMPROVED TANNED LEATHER.

Applicant: ROHM AND HAAS COMPANY OF INDEPENDENCE MALL WEST PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Inventors: PATRICIA MARIE LESKO, THOMAS STEWART, ANTON GEORGES EL AMMA.

Application for Patent No. 1026/Del/89 filed on 7-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

7 Claims

A method of preparing improved tanned leather comprising impregnating said tanned leather with an aqueous dispersion containing a water insoluble amphiphilic copolymer, characterised in that the copolymer contains from more than 50 to 90% by weight of at least one hydrophobic monomer selected from the group consisting of (C₈-C₂₂) alkyl (meth) acrylates, (C₈-C₂₂) alkoxy or (C₁₂-C₂₂) alkylphenoxy (polyethylene Oxide) (meth) acrylates, (C₁₂-C₂₂) primary alkenes, vinyl esters of (C₁₂-C₂₂) alkyl carboxylic acids and mixtures thereof and from 10 to less than 50% by weight of at least one water soluble acidic or basic hydrophilic comonomer of the kind such as herein described having ethylenically unsaturated bonds: wherein when 2-ethylhexyl acrylate is the only hydrophobic monomer the hydrophilic comonomer is other than only (meth) acrylic acid, and further treating the impregnated tanned

leather with conventional tanning agent such as herein described until has a dynamic water resistance of at least 700 Maesar flexes.

(Compl. Specn. 49 pages,

Drwg. Sheets Nil)

Ind Cl. : 1A

176728

Int. Cl.⁴ : C09J 3/14.

LIQUID, RADIATION-CURABLE COATING COMPOSITIONS FOR COATING GLASS SURFACES.

Applicants : BASF LACKE + ARBEN AKTIENGESSELLSCHAFT, OF MAS-WINKELMANN-STRABE 80, 4400 MUNSTER, FEDERAL REPUBLIC OF GERMANY.

Inventor : STEPHAN SCHUNCK.

Application for Patent No. 1035/Del/89 filed on 8-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

7 Claims

A liquid, radiation-curable coating composition for coating glass surfaces comprising :—

- 56 to 89% by weight, based on the coating composition, of at least one diethylenically unsaturated polyurethane optionally containing urea groups,
- 10 to 30% by weight, based on the coating composition, of an alkoxysilane such as N-β-aminoethyl-γ-aminopropyltri-methoxysilane or γ-aminopropyl-trimethoxysilane or N-methyl-γ-aminopropyl-trimethoxysilane or triamino modified propyltrimethoxysilane and balance, if any, comprising at least one synergist and/or customary auxiliary and additive.
- 0.5 to 8% by weight, based on the coating composition, of at least one photoinitiator, and
- 0.05 to 6% by weight, based on the coating composition, of an alkoxysilane such as N-β-aminoethyl-γ-aminopropyltri-methoxysilane or γ-aminopropyl-trimethoxysilane or N-methyl-γ-aminopropyl-trimethoxysilane or triamino modified propyltrimethoxysilane and balance, if any, comprising at least one synergist and/or customary auxiliary and additive.

(Compl. Specn. 25 pages;

Drwg. Sheets Nil.)

Ind. Cl. : 32 E.

176729

Int. Cl.⁴ : C08F 10/10.

PROCESS FOR PREPARING LOW MOLECULAR WEIGHT POLYBUTENE.

Applicant : EXXON CHEMICAL PATENTS INC., AT 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : FRANK JOUNG-YEI CHEN.

Application for Patent No. 1036/Del/89 filed on 8-11-89.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

14 Claims

A process for preparing low molecular weight polybutene having an M in the range of 700 to 3000 and a molecular weight distribution less than 2.0 from a feedstream mixture of C₄ hydrocarbons containing at least 6% by weight isobutylene in a stirred reaction done maintained at a temperature of from -50°C to +30°C in the presence of an organo-aluminium chloride catalyst of the formula R_xAl(Cl)_{3-x},

wherein R is C₁ to C₆ hydrocarbyl and x is an integer of from 1 to 2 which comprises :

- injecting HCl in an amount of from 25 to 300 parts by weight per one million parts by weight of said feedstream mixture into said feedstream mixture, in the absence of said organo-aluminium chloride catalyst to substantially completely react said injected HCl with isobutylene, thereby producing a treated feedstream mixture which contains not greater than 1.0 ppm free HCl;
- simultaneously introducing said treated feedstream mixture and a stream comprising said organo-aluminium chloride catalyst as separate streams into said reaction zone;
- contacting said introducing treated feedstream mixture and said introduced catalyst in the reaction zone to form a polymerization reaction mixture containing said polybutene;
- withdrawing said polymerization reaction mixture from said reaction zone; and
- recovering in any known manner said polybutene product from said withdrawn polymerization reaction mixture.

(Compl. Specn. 34 Pages

Drwg. Sheet 1).

Ind. Cl. : 55(F)

176730

Int. Cl.⁴ : A01G 1/04.

METHOD FOR PREPARING A SUBSTRATE FOR CULTURE OF FUNGI.

Applicant : MAUI SHIITAKE TRADING COMPANY, INC., AT 295, HIWALANI LOOP, PUKAIAI, MAUI, 96768, U.S.A.

Inventor : BRYAN TOKUICHI HIROMOTO.

Application for Patent No. 630/Del/90 filed on 27-6-90.

Appropriate office for filing opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

6 Claims

A method for preparing a substrate such as herein described for culture of fungi, comprising :

preparing a grain mixture by mixing water in one to one-fourth parts by weight per-part of a dry mixture containing a portion of grain and portions of starch, protein and nutrient sources as herein described in predetermined proportions;

boiling said grain mixture for a period as herein described to allow dispersal of said starch, protein and nutrient sources into said grain mixture;

cooling said grain mixture for a predetermined time to allow spores of any heat resistant bacteria to germinate; and

sterilizing said grain mixture before said germinated spores mature sufficiently to produce more spores.

(Compl. Specn. 30 Pages.

Drwg. Sheet 1)

Ind. Cl. : 40 E

176731

Int. Cl.⁴ : C 10 G 49/22.

A PROCESS FOR SEPARATING GASES FROM A HYDROCONVERSION ZONE REACTION EFFLUENT.

Applicant : CHEVRON RESEARCH COMPANY, A CORPORATION DULY ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF

AMERICA, OF 555 MARKET STREET, SAN FRANCISCO, CALIFORNIA, UNITED STATES OF AMERICA.

Inventors : 1. BRUCE E. REYNOLDS. 2. DONALD A. BEA. 3. ROBERT W. BACHTEL.

Application No. 530/Mas/89 filed on 12th July 1989.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600002.

11 Claims

A process for separating gases from a hydroconversion zone reaction effluent comprising : (a) effecting a hot high pressure separation of the effluent by reducing the temperature of the effluent from above 700°F to between 400 to 750°F to produce a first gas phase comprising hydrogen contaminant gases, and gaseous hydrocarbons and a first liquid phase comprising hydrocarbons, and separating the first gas phase from the first liquid phase; (b) effecting a cold high pressure separation of the first gas phase by reducing the temperature of the first gas phase to between 90 to 200°F to form a first hydrogen-rich gas product and a second liquid phase, and separating the second liquid phase from the first hydrogen-rich gas; (c) effecting a hot low pressure separation of the first liquid phase by reducing the pressure of the first liquid phase from between 600 to 5000 psig to between 100 to 1000 psig to form a second gas phase comprising hydrogen and gaseous hydrocarbons and a third liquid phase comprising hydrocarbons; and separating the second gas phase from the third liquid phase; (d) effecting a cold low pressure separation of the second gas by reducing the temperature thereof to between 90 to 200 °F to form a second hydrogen-rich gas and a fourth liquid phase comprising hydrocarbons, and separating the fourth liquid phase from the second hydrogen rich gas; (e) recycling the second hydrogen-rich gas to the hydroconversion zone; (f) recycling a first portion of the first hydrogen-rich gas to the hydroconversion zone; (g) purifying a second portion of the first hydrogen-rich gas of at least 95% hydrogen; and (h) recycling the purified hydrogen-rich gas to the hydroconversion zone.

(Compl. Specn. 20 Pages,

Drwg. 2 Sheets).

Ind. Cl. : 57 B & 58 B

176732

Int. Cl.4 : E 06 B 1/00, 3/18.

AN IMPROVED FRAME FOR DOOR, WINDOW OR THE LIKE OPENING, MADE OF CEMENT CONCRETE, CEMENT MORTAR OR ANY SIMILAR MATERIAL, WITH OR WITHOUT REINFORCEMENT.

Applicant & Inventor : VELAYIE AYDROSE MOHAMED, ENGINEER, BLAYIE PARAMBIL HOUSE, EDAPPALLY NORTH, P.O. COCHIN-682 024, KERALA, INDIA, INDIAN.

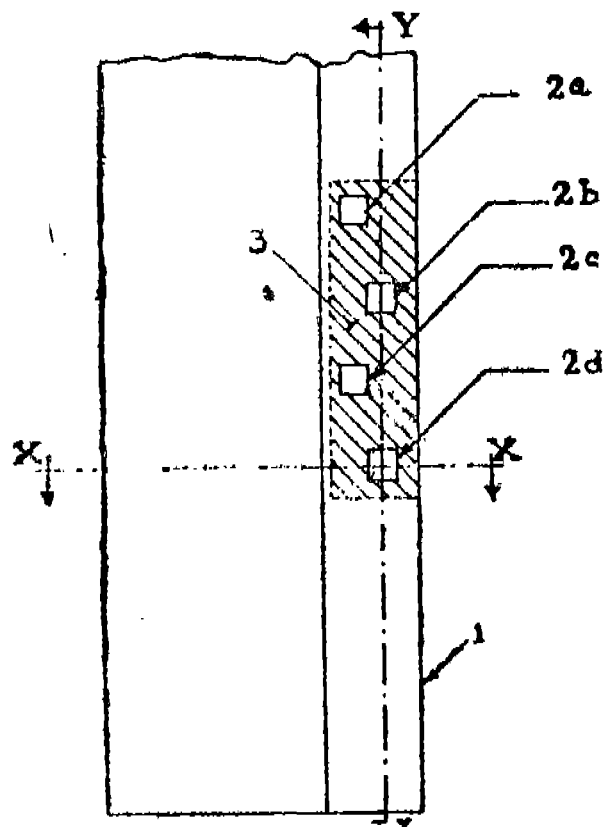
Application No. 37/Mas/90 filed on 15th Jan. 1990.

Appropriate office for filing opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras-600002.

6 Claims

An improved frame for door, window or the like opening, made of cement concrete, mortar or any similar material, with or without reinforcement wherein, the said frame body is provided with a set of individual fixing means for receiving one wood screw of any type, at the predetermined location for fixing any particular furniture fitting like a hinge, end piece of a tower bolt or strike plate of a mortice lock, such that the said fitting can be fixed to the frame body by

driving each screw through each of the said individual fixing means.



(Compl. Specn. 12 pages,

Drwg. 4 Sheets.)

Ind. Cl. : 48 A 3, 31 C, & 126 A

176733

Int. Cl.4 : G 01 K 7/22.

LOW TEMPERATURE THERMISTORS.

Applicant ; INDIAN INSTITUTE OF SCIENCE, OF BANGALORE-560 012, INDIA AN INDIAN INSTITUTE.

Inventors : 1. MANDAVELLI SATYAM. 2. KRISHNA-SWAMY RAMKUMAR.

Application and Provisional Specification No. 75/Mas/90, filed on 30-1-90.

Complete after Provisional left on 26-4-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) The Patent Office Branch, Madras-600 002.

4 Claims

A thermistor for measuring and controlling low temperatures characterised in that the cross-section along the length of the thermistor is variable (tapered) such that variation in resistance with temperature is gradual when operated at a constant current.

(Provn. Specn. 6 Pages,

Drwg. Nil).

(Compl. Specn. 12 pages,

Drwg. 1 sheet.)

Ind. Cl. : 107-K

176734

10 Claims

Int. Cl.⁴ : F 01 L 3/08

AN IMPROVED VALVE STEM SEAL ASSEMBLY.

Applicant : DANA CORPORATION, A CORPORATION OF THE STATE OF VIRGINIA, U.S.A., OF 4500 DORR STREET, TOLEDO, OHIO 43615, U.S.A.

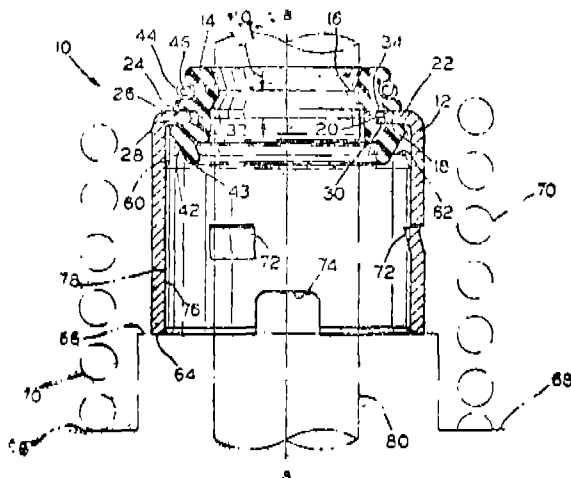
Inventor : J. DUDLEY BINFORD.

Application No. 246/Mas/90 filed April 4, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

An improved valve stem assembly for securing to a valve guide of an internal combustion engine, said assembly comprising a rigid shell defining a longitudinal axis and having an end wall containing a first aperture, an annular resilient seal body disposed within said shell, said resilient seal body having a second aperture defining an interior annular lip adapted to provide continuous sealing engagement with a reciprocating valve stem, said resilient seal body further having an exterior circumferential groove, said groove defining a pair of parallel radially extending side walls and a bottom wherein said resilient seal body is supported in said first aperture by said circumferential groove; a radial float annulus defined by a predetermined amount of radial clearance between said first aperture and said bottom of said groove, wherein the circumference of said first aperture is greater than the circumference of said bottom of said groove.



(Compl. Specn. 11 pages.)

Drawg. 1 sheet.)

Ind. Cl. : 129-J

176735

Int. Cl.⁴ : C 23 C 2/00

A PROCESS FOR THE PRODUCTION OF PLATE HOLLOW BLOCKS.

Applicant : MANNESMANN AKTIENGESELLSCHAFT, OF MANNESMANNUFER 2, D-4000, DUSSELDORF 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : (1) INGO VON HAGEN.
(2) CHRISTOPH PRASSER.
(3) FRITZ PETER PLESCHITSCHNIGG.
(4) LOTHAR PARSHAT.

Application No. 338/Mas/90 filed May 4, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

A process for producing a hollow block suitable for manufacturing seamless metal pipe with plating on its inner surface the said process comprising providing a hollow cylindrical body of a plating metal, immersing the hollow cylindrical body of plating metal at least once in a melt of carrier metal while the inner surface of the hollow cylindrical body is protected from access to the melt of carrier metal during the immersion to obtain a hollow block with an adequately thick carrier metal layer crystallised on the surface of the hollow cylindrical plating metal.

(Compl. Specn. 14 pages.)

Ind. Class : 32-B

176736

Int. Cl.⁴ : C 07 C 1/00.

PROCESS FOR THE PREPARATION OF HYDROCARBONS.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., A NETHERLANDS COMPANY OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventors : (1) MARTIN FRANCISCUS MARIA POST
(2) WILLIBRORD ADELBERT VAN ERP

Application No. 359/Mas/90 filed on May 11, 1990.

Convention date : May 15, 1989; (No. 8911075.3; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

A process for the preparation of hydrocarbons by catalytic reaction of carbon monoxide with hydrogen comprising the steps of :

- (a) selecting a catalyst comprising :
 - (i) 3-80 parts by weight cobalt per 100 parts by weight of porous carrier;
 - (ii) 0.1-100 parts by weight of at least one metal selected from zirconium, titanium and chromium, per 100 parts by weight of porous carrier; and
 - (iii) an external surface area (S_e)
 $S_e \leq 70 \text{ cm}^2/\text{ml}$;
- (b) activating the catalyst; and
- (c) contacting the activated catalyst in a fixed bed form with a mixture of carbon monoxide and hydrogen having a hydrogen/carbon monoxide feed ratio (F) of 1.1 to 1.2 under such conditions that $S_e/F \geq 12.5$.

(Com. : 13 pages)

Ind. Class : 6 - A₄

176737

Int. Cl.⁴ : A 47 L 9/00.

A DUST MONITORING DEVICE FOR A VACUUM CLEANER.

Applicant : EUREKA FORBES LIMITED, AN INDIAN COMPANY, OF K-309, 1st MAIN ROAD, 5TH BLOCK, KORAMANGALA, BANGALORE-560 034.

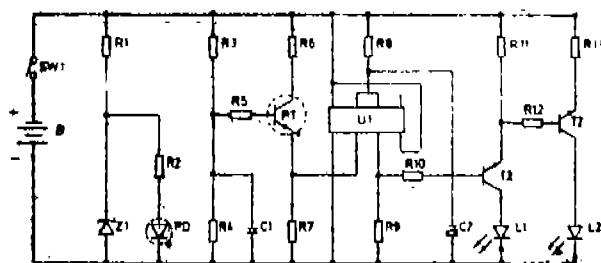
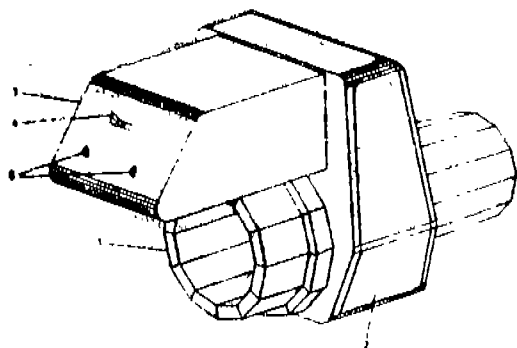
Inventor : HARRY SEN GUPTA.

Application No. 248/Mas/91 filed on March 26, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A dust monitoring device for a vacuum cleaner comprising an adaptor (1, 2) for connecting the vacuum cleaner to the floor brush, an infra-red emitting diode (PD) and a photo transistor sensor (PT) placed diametrically opposite across the dust flow path through a passage in the adaptor (1, 2); an electronic circuit powered by a battery (B) connected through a switch (4) enclosed in an enclosure (3) attached to the said adaptor (1, 2), the said electronic circuit consisting of an amplifier for amplifying the said photo-transistor sensor (PT) output followed by a switching circuit connected to light emitting diodes (L1, L2) for indicating the presence of dust or the absence of dust in the space between the infra-red emitting diode (PD) and the said photo-transistor sensor (PT) in the passage of said adaptor (1, 2).



(Com. : 5 pages; Drwgs. : 1 sheet)

Ind. Class : 34-A

176738

Int. Cl.⁴ : D 01 D 5/00.

A DRAWROLL UNIT.

Applicant : MASCHINENFABRIK RIETER AG, A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF WINTERTHUR, SWITZERLAND.

- Inventors : (1) VITTORINO ARNOSTI
(2) BRUNO GAMPERLE
(3) KNORAD BOOS
(4) FELIX GRAF
(5) RUDOLF LIENHARD
(6) EMIL MUNZ
(7) RICHARD ROLLIN
(8) ROLF WIDMER
(9) ARMIN WIRZ

Application No. 328/Mas/93 filed on May 13, 1993.

Divisional to Patent Application No. 393/Mas/89; Antedated to May 17, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras-600 002.

6 Claims

A drawroll unit comprising a cylindrical shell (201); an end wall (204) integral with one end of said cylindrical shell (201) and having a centrally disposed boss (205) with a conically tapering bore extending mid-way of said cylindrical shell; and a rotatable shaft (207) secured to said end wall (204) coaxially of said shell (201) and said boss (205) to define a heatable annular chamber in said cylindrical shell (201); said shaft (207) having a first cylindrical section extending outwardly from said cylindrical shell, a conical section (208) disposed mid-way of said cylindrical shell and matingly received in said bore of said boss (205) mid-way of said shell (201), a second cylindrical section of less diameter than said first cylindrical section in the end wall and a heating unit (212) being provided in said annular chamber, said heating unit having at least one stationary inductor body (228) formed of a plurality of tightly packed sheets (234) connected together with welding seams.

(Com. : 66 pages; Drwgs. : 14 sheets)

Ind. Class : 55-E⁴

176739

Int. Cl.⁴ : A 61 K 47/00.

A METHOD FOR PREPARING A PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF INFECTION OR DISEASE CAUSED BY THE HEPATITIS B VIRUS.

Applicant : OCLASSEN PHARMACEUTICALS, INC., STATE OF INCORPORATION; CALIFORNIA, OF 100 PELICAN WAY SAN RAFAEL, CA 94561, UNITED STATES OF AMERICA.

- Inventors : (1) DENNIS W ADAIR
(2) KENNETH A SMILES
(3) DANNIE KING

Application No. 203/Mas/93 filed on March 22, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972, Patent Office, Madras Branch.

2 Claims

A method for preparing a pharmaceutical composition for the treatment of infection or disease caused by the Hepatitis B virus, the method comprising admixing 0.1 to 1 weight percent of a compound selected from 1-(2'-deoxy-2'-fluoro-β-D-arabinofuranosyl)-5-iodouracil (FIAU), a pro-drug of FIAU and a metabolite of FIAU with to 50 weight percent of water, 5 to 50 weight percent of glycerine, 5 to 50 weight percent of alcohol and 5 to 50 weight percent of propylene glycol to obtain a low but antivirally effective dosage sufficient to provide a steady state peak plasma concentration of the compound in the range of 0.1 to 1 μg/ml.

(Com. : 74 pages; Drwgs. : 16 sheets)

Ind. Class : 32-F²(a & b) & 3(d)

176740

Int. Cl.⁴ : C 07 C 49/00.

C 07 D 521/00.

A METHOD OF PREPARATION OF A BIS-AROMATIC α, β- UNSATURATED KETONE.

Applicant : STATENS SERUMINSTITUT, A DANISH STATE RESEARCH INSTITUTE, OF ARTILLERIVEJ 5, DK 2300 COPENHAGENS S DENMARK.

- Inventors : (1) CHEN MING
(2) ARSALAN KHARAZMI
(3) THOR GRUNDTVIG THEANDER
(4) SOREN BROGGER CRHISTENSEN.

Application No. 231/Mas/93 filed March 31, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

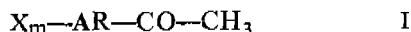
7 Claims

A method for the preparation of a bis-aromatic α , β -unsaturated ketone of the general formula I

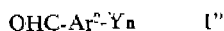
wherein W is $CH=CH$, Ar^1 and Ar^2 are the same or different and each designate an aromatic selected from phenyl and 5- or 6- membered unsaturated heterocyclic rings containing one, two or three heteroatoms selected from oxygen, sulfur and nitrogen, such as furanyl, thiophenyl, pyrrolyl, imidazolyl, isoxazolyl, oxazolyl, thiazolyl, pyrazolyl, pyridinyl, or pyrimidinyl, which aromatic may be substituted with one or more substituents selected from

halogen; nitro; nitroso; and C_{1-12} , preferably C_{1-6} straight or branched aliphatic hydrocarbyl which may be saturated or may contain one or more unsaturated bonds selected from double bonds and triple bonds, which hydrocarbyl may be substituted with one or more substituents selected from hydroxy, halogen, amino, and amino which is optionally alkylated with one or two C_6 alkyl groups;

Y and X are the same or different and each designate a group ARH or a group AZ , wherein A is $-O-$, $-S-$, $-NH-$ or $-N(C_{1-6} \text{ alkyl})-$ RH designates C_{1-6} straight branched aliphatic hydrocarbyl which may be saturated or may contain one or more unsaturated bonds selected from double bonds and triple bonds, and Z designates H; m designates 0, 1 or 2, and n designates 0, 1, 2 or 3, whereby, when m is 2, then the two groups X are the same or different, and when n is 2 or 3, the two or three groups Y are the same or different, with the proviso that n and m are not both 0, said method comprising reacting a ketone of the general formula I'



wherein X, Ar^1 and m are as defined above, with an aldehyde of the general formula I''



wherein Ar^2 , Y and n are as defined above.

(Com. : 211 pages; Drawgs. : 15 sheets)

RENEWAL FEES PAID

157335	158465	158466	158467	158557	158657	158690
158960	159028	159152	159215	159486	159760	160095
160534	160856	161173	161239	161268	161284	161466
161505	161566	161620	161709	161971	161978	162212
162496	162497	162782	162877	163276	163432	163769
164009	164083	164265	164333	164425	164509	164569
164843	164845	164904	164970	164981	165186	165838
166166	166851	167116	167353	167756	167860	167912
167938	168027	168137	168161	168198	168701	168878
169493	169496	169500	169737	170007	170455	170725
171556	171983	172005	172012	172041	172044	172086
172105	172170	172278	172293	172497	172524	172655
172669	172853	172926	173586	173715	173860	174009
174175	174187	174188	174189	174205	174206	174207
174208	174216	174217	174219	174220	174221	174222
174224	174225	174226	174227	174229	174230	174233
174234	174238	174243	174244	174245	174246	174249
174250	174267	174268	174299	174321	174322	174345
174347	174348	174349	174350	174466	174751	174761
174802	174812	174873	175039	175284	175582	175589

175590 175596 175599 175626 175651 175659 175685
175686 175687.

CESSATION OF PATENTS

155984	156063	157434	157448	157456	157473	157572
157621	157653	157655	157657	157722	157737	157772
157817	157829	157848	157854	157946	157955	157973
157998	158001	158042	158091	158117	158140	158193
158237	158308	158376	158419	158488	158518	158582
158588	158597	158703	158729			

PATENT SEALED ON 02-08-96

175001*	176103	176138*	176140*	176141	176142	176143*
176146	176147	176163*	176164*	176175*	176176*	176192
176195	176196					

CAL - 04, DEL - 11, MUM - 01, MAD - NIL.

*Patent shall be deemed to endorsed with the words LICENCE OF RIGHT Under section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of Sealing.

D—Drug Patents, F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 170528, Deepak Kumar Khemka & Bharat Khemka, both Indian citizen of 75C Park Street, Calcutta-700 016, W. Bengal, India. "PEN", 1st January, 1996.

Class 3. No. 170618, Dr. Wellman's Homeopathic Laboratories Ltd., a Public Limited Company, at AM-2, Dilkhush Industrial Estate, G. T. Karnal Road, Delhi-33, India, "BOTTLE CAP", 19th January, 1996.

Class 3. No. 170834, Castrol India Limited, an Indian Company, White House, 91, Walkeshwar Road, Bombay-6, Maharashtra, India, "CONTAINER", 7th March, 1996.

Class 3. No. 170672, K. G. M. Associates, a partnership company of its partner Sh. P. S. Gupta an Indian citizen resident of 12/9, Sarvapriya Vihar, New Delhi-110 016 and Sh. Gautam Bajaj an Indian Citizen resident of 557, Sector 16A, Faridabad-121002, Haryana having their office at 12/6, Sarvapriya Vihar, New Delhi-16, India, "MAIL/LETTER BOX", 6th February, 1996.

Class 3. No. 170569, Atul Mittal Trading as ATUL ASSOCIATES of B 21 G. T. Karnal Road, Industrial Area, Delhi-33, India, an Indian National, "MOTOR BODY FOR JUICER, MIXER & GRINDER", 9th January, 1996.

Class 4. No. 170163, Campbell Agro Mfg. Industries Pvt. Ltd., an Indian Company and having its office at Old Chinoy Building, 275-E, Tardeo Road, Bombay-7, Maharashtra, India, "BOTTLE", 14th November, 1995.

Class 4. No. 170164, Campbell Agro Mfg. Industries Pvt. Ltd., an Indian Company and having its office at Old Chinoy Building, 275-E, Tardeo Road, Bombay-7, Maharashtra, India, "BOTTLE WITH LTD", 14th November, 1995.

Class 10. No. 170539, S. G. Footwares Pvt. Ltd., K 42, Udyog Nagar, Nangloi Industrial Area, Delhi-14, Indian Company, "SHOE SOLE", 3rd January, 1996.

Class 3. No. 170572, Reino Industrial Organics Pvt. Ltd., B 93, Mayapuri Industrial Area, Phase I, New Delhi-64, India, an Indian Company, "BOTTLE", 11th January, 1996.

T. R. SUBRAMANIAN
Controller General of Patent, Design &
Trade Marks

प्रबन्धक, भारत सरकार मुख्यालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1996

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1996

